

The schematic diagram illustrates a complex electronic circuit, identified as a PHONOLA design. It consists of seven vacuum tube stages, labeled V1 through V7. V1, V2, V3, V5, V6, and V7 are 6X4 tubes, while V4 is a 6X4 tube. The circuit also incorporates several diodes (D1-D4), capacitors (C1-C28), resistors (R1-R23), and a transformer (T1). A speaker (AP) is connected at the output. The schematic is detailed with component values and pin connections.

Component List:

- Tubes:** V1 (6X4), V2 (6X4), V3 (6X4), V4 (6X4), V5 (6X4), V6 (6X4), V7 (6X4)
- Diodes:** D1 (6A6), D2 (6A6), D3 (6A6), D4 (6A6)
- Capacitors:** C1 (0.001), C2 (0.001), C3 (0.001), C4 (0.001), C5 (0.001), C6 (0.001), C7 (0.001), C8 (0.001), C9 (0.001), C10 (0.001), C11 (0.001), C12 (0.001), C13 (0.001), C14 (0.001), C15 (0.001), C16 (0.001), C17 (0.001), C18 (0.001), C19 (0.001), C20 (0.001), C21 (0.001), C22 (0.001), C23 (0.001), C24 (0.001), C25 (0.001), C26 (0.001), C27 (0.001), C28 (0.001)
- Resistors:** R1 (10K), R2 (10K), R3 (10K), R4 (10K), R5 (10K), R6 (10K), R7 (10K), R8 (10K), R9 (10K), R10 (10K), R11 (10K), R12 (10K), R13 (10K), R14 (10K), R15 (10K), R16 (10K), R17 (10K), R18 (10K), R19 (10K), R20 (10K), R21 (10K), R22 (10K), R23 (10K)
- Transformer:** T1 (Power Transformer)
- Speaker:** AP

Pin Connections:

- V1: Pin 1 to GND, Pin 2 to C1, Pin 3 to C2, Pin 4 to C3, Pin 5 to C4, Pin 6 to C5, Pin 7 to C6, Pin 8 to C7, Pin 9 to C8, Pin 10 to C9, Pin 11 to C10, Pin 12 to C11, Pin 13 to C12, Pin 14 to C13, Pin 15 to C14, Pin 16 to C15, Pin 17 to C16, Pin 18 to C17, Pin 19 to C18, Pin 20 to C19, Pin 21 to C20, Pin 22 to C21, Pin 23 to C22, Pin 24 to C23, Pin 25 to C24, Pin 26 to C25, Pin 27 to C26, Pin 28 to C27, Pin 29 to C28
- V2: Pin 1 to GND, Pin 2 to C1, Pin 3 to C2, Pin 4 to C3, Pin 5 to C4, Pin 6 to C5, Pin 7 to C6, Pin 8 to C7, Pin 9 to C8, Pin 10 to C9, Pin 11 to C10, Pin 12 to C11, Pin 13 to C12, Pin 14 to C13, Pin 15 to C14, Pin 16 to C15, Pin 17 to C16, Pin 18 to C17, Pin 19 to C18, Pin 20 to C19, Pin 21 to C20, Pin 22 to C21, Pin 23 to C22, Pin 24 to C23, Pin 25 to C24, Pin 26 to C25, Pin 27 to C26, Pin 28 to C27, Pin 29 to C28
- V3: Pin 1 to GND, Pin 2 to C1, Pin 3 to C2, Pin 4 to C3, Pin 5 to C4, Pin 6 to C5, Pin 7 to C6, Pin 8 to C7, Pin 9 to C8, Pin 10 to C9, Pin 11 to C10, Pin 12 to C11, Pin 13 to C12, Pin 14 to C13, Pin 15 to C14, Pin 16 to C15, Pin 17 to C16, Pin 18 to C17, Pin 19 to C18, Pin 20 to C19, Pin 21 to C20, Pin 22 to C21, Pin 23 to C22, Pin 24 to C23, Pin 25 to C24, Pin 26 to C25, Pin 27 to C26, Pin 28 to C27, Pin 29 to C28
- V4: Pin 1 to GND, Pin 2 to C1, Pin 3 to C2, Pin 4 to C3, Pin 5 to C4, Pin 6 to C5, Pin 7 to C6, Pin 8 to C7, Pin 9 to C8, Pin 10 to C9, Pin 11 to C10, Pin 12 to C11, Pin 13 to C12, Pin 14 to C13, Pin 15 to C14, Pin 16 to C15, Pin 17 to C16, Pin 18 to C17, Pin 19 to C18, Pin 20 to C19, Pin 21 to C20, Pin 22 to C21, Pin 23 to C22, Pin 24 to C23, Pin 25 to C24, Pin 26 to C25, Pin 27 to C26, Pin 28 to C27, Pin 29 to C28
- V5: Pin 1 to GND, Pin 2 to C1, Pin 3 to C2, Pin 4 to C3, Pin 5 to C4, Pin 6 to C5, Pin 7 to C6, Pin 8 to C7, Pin 9 to C8, Pin 10 to C9, Pin 11 to C10, Pin 12 to C11, Pin 13 to C12, Pin 14 to C13, Pin 15 to C14, Pin 16 to C15, Pin 17 to C16, Pin 18 to C17, Pin 19 to C18, Pin 20 to C19, Pin 21 to C20, Pin 22 to C21, Pin 23 to C22, Pin 24 to C23, Pin 25 to C24, Pin 26 to C25, Pin 27 to C26, Pin 28 to C27, Pin 29 to C28
- V6: Pin 1 to GND, Pin 2 to C1, Pin 3 to C2, Pin 4 to C3, Pin 5 to C4, Pin 6 to C5, Pin 7 to C6, Pin 8 to C7, Pin 9 to C8, Pin 10 to C9, Pin 11 to C10, Pin 12 to C11, Pin 13 to C12, Pin 14 to C13, Pin 15 to C14, Pin 16 to C15, Pin 17 to C16, Pin 18 to C17, Pin 19 to C18, Pin 20 to C19, Pin 21 to C20, Pin 22 to C21, Pin 23 to C22, Pin 24 to C23, Pin 25 to C24, Pin 26 to C25, Pin 27 to C26, Pin 28 to C27, Pin 29 to C28
- V7: Pin 1 to GND, Pin 2 to C1, Pin 3 to C2, Pin 4 to C3, Pin 5 to C4, Pin 6 to C5, Pin 7 to C6, Pin 8 to C7, Pin 9 to C8, Pin 10 to C9, Pin 11 to C10, Pin 12 to C11, Pin 13 to C12, Pin 14 to C13, Pin 15 to C14, Pin 16 to C15, Pin 17 to C16, Pin 18 to C17, Pin 19 to C18, Pin 20 to C19, Pin 21 to C20, Pin 22 to C21, Pin 23 to C22, Pin 24 to C23, Pin 25 to C24, Pin 26 to C25, Pin 27 to C26, Pin 28 to C27, Pin 29 to C28

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Schema elettrico .



220V AC Power Supply
 220V/50Hz Transformer
 Load